Type 1 Facility Closeout Report

Section A. Facility Data	
Facility No.	181
Facility Descriptor:	Meteorological Tower - SE Buffer Zone Area
Project:	RISS
Date of Demolition:	Tower removed 10/12/01 - Concrete removed 12/14/01
Additional Information:	Tower sold at PU&D - Concrete sent to landfill
(Must include information on e	environmental releases and conditions of site at turnover to Environmental Restoration)

Section B. Final Characterization Data	
Reconnaissance Level Characterization Report	PRE - Tower on 3/6/01 and Concrete 1/03/02
(concurrence received)	(See attachments)
In-process Characterization	N/A
Pre-Demolition Survey Report (approval received)	N/A
Post-Demolition Survey Report (as necessary)	N/A

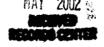
2 000 D 021010101010101010101010101010101010101	
Section C. Waste Data (complete cat	egories as appropriate)
Sanitary Disposal	
Disposal Site:	Front Range Landfill, Erie, Co.
Waste Volume (m ³):	25 cubic yards or 19.1 cubic meters
Waste Weight (tons):	50.1 Tons
Additional Information:	Addresses concrete only
Hazardous Disposal	
Disposal Site:	N/A
Waste Volume (m ³):	N/A
Additional Information:	N/A
TSCA Waste Disposal	
Disposal Site:	N/A
Waste Volume (m ³):	N/A
Additional Information:	N/A
Asbestos Waste Disposal	
Disposal Site:	N/A
Waste Volume (m ³):	N/A
Additional Information:	N/A
Low-Level Waste Disposal	
Disposal Site:	N/A
Waste Volume (m ³):	N/A
Additional Information:	N/A
Low-Level Mixed Waste Disposal	
Disposal Site:	N/A
Waste Volume (m ³):	N/A
Additional Information:	N/A
Recycled Material	
Recycle Facility:	N/A
Waste Volume (m ³):	N/A
Additional Information:	N/A
Property Disposition	
Receiver Locations (major items only):	
Volume (m³):	N/A
Weight (tons):	N/A
Additional Information:	N/A
A WHAT A AREA OF A ARREST AREA	

Section D. Approvals Kaiser-Hill Project Manager

Name/Signature

A

4 29 02 Date



	P	roperty	Waste	Sample		
		. op vity		J		
RELEASE EVALUATION	ON FORM					
Page 1 of						
Release Evaluation No.: 010404-00116-002 EXTENDED: No	EXPIRES: N	/ <u>A</u>	Charge No.:	N/A		
PART I	SENDER/CUST	ODIAN				
ACKNOWLEDGEMENT				:		
Description of Property/Waste/Sample To Be Released/Transferred: M buffer zone, and associated electrical poles, electrical equipment, and cables		l concrete	slabs located in	the east		
Current Location: East buffer zone – GWEN tower area						
Destination: Materials will be either reused on site or be disposed to a prop	er landfill.					
New Recipient/Custodian: Cameron Freiboth, B116, X2823				·		
History/Process Knowledge: The indicated objects were used as the found telecommunication towers and a small shed for the Air Force at RFETS. The state of the Air Force at RFETS.				and site		
documents, including affected soil disturbance permit, indicate no radiologi	cal concerns. The					
removed, and all radiological evaluation indicated no radiological concerns	•					
TY d. (C.) A C. Lever have in an PDA/CA on contrasted DOE cont	nallad medionativa	matariala?	? No			
Has the specified material ever been in an RBA/CA or contacted DOE contacted	roned radioactive	materiais?	NO			
1) By signing below. I certify information provided in Part I of this release	evaluation to be tr	ue and acc	curate.			
1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.						
2) By signing below, I agree to comply with the specific requirements noted	in Part II of this	release eva	aluation.			
Sender/Custodian: Cameron Freiboth / Emp. No:				23		
Sender/Custodian: Cameron Freiboth / Junary Emp. No:	Dat	e: <u>04/24</u>	/o/ Ext: 28			
	Dat	e: <u>04/24</u>				
Sender/Custodian: Cameron Freiboth / Junary Emp. No:	Dat	e: <u>04/24</u>	/o/ Ext: 28			
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS:	Dat	e: <u>OA/13</u>	Ext: 28	EERING		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no radi	RADIC	e: OA/134 OLOGIO s for the w	Ext: 28	EERING e. In		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no radaddition, the area in which the indicated waste is located is not a "Radiological never been stored or used in a radiological area. As a result, no radiological	Pate RADIO R	DLOGIC s for the wifined in 10 mired prior	Ext: 28. CAL ENGIN vaste listed above CFR835. The wor to unrestricted	EERING e. In vaste has i release.		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no rad addition, the area in which the indicated waste is located is not a "Radiologic never been stored or used in a radiological area. As a result, no radiologic These materials may be reused or disposed of in accordance with site process.	Dat RADIO liological concern gical" Area as dej al surveys are req edures, without fur	DLOGIC s for the wifined in 10 wired prior ther radio	CAL ENGING vaste listed above OCFR835. The wor to unrestricted blogical characte	EERING e. In vaste has i release. erization.		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no radaddition, the area in which the indicated waste is located is not a "Radiological never been stored or used in a radiological area. As a result, no radiological	Date RADIC R	Second to the waste of the wast	CAL ENGINE vaste listed above OCFR835. The war to unrestricted blogical characted adicating no radi	EERING e. In vaste has d release. erization. iological		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no rad addition, the area in which the indicated waste is located is not a "Radiolog never been stored or used in a radiological area. As a result, no radiological These materials may be reused or disposed of in accordance with site process the underside of the concrete will not require radiological surveys due to the	Pate RADIC R	S for the wifined in 10 ther radio permit in, a copy of	et Ext: 28. CAL ENGINE vaste listed above CFR835. The way to unrestricted blogical characte adicating no radio of the release evaluations.	EERING e. In vaste has d release. erization. iological		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no rad addition, the area in which the indicated waste is located is not a "Radiolog never been stored or used in a radiological area. As a result, no radiological These materials may be reused or disposed of in accordance with site process the underside of the concrete will not require radiological surveys due to the concerns (copy of permit is included as an attachment to this release evaluation (REN# - 010309-RISS-001) for the prior associated equipment is provided in the concerns is provided to the concerns (copy of permit is included as an attachment to this release evaluation.)	Pate RADIC RADIC RADIC RADIC RADIC RADIC RADIC RATE RATE RATE RATE RATE RATE RATE RATE	s for the wifined in 10 uired prior ther radio e permit in a copy of to this rele	el Ext: 28. CAL ENGINE vaste listed above CFR835. The way or to unrestricted cological characte adicating no radii f the release evaluation.	EERING e. In vaste has i release. erization. iological luation		
Sender/Custodian: Cameron Freiboth / Emp. No: PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no radaddition, the area in which the indicated waste is located is not a "Radiological never been stored or used in a radiological area. As a result, no radiological These materials may be reused or disposed of in accordance with site process the underside of the concrete will not require radiological surveys due to the concerns (copy of permit is included as an attachment to this release evaluations)	Date RADIO RADIO RADIO RADIO RADIO RADIO RADIO RADIO RATE RADIO RA	So for the wifined in 10 wired prior ther radice permit in a copy of to this relevantion. E	el Ext: 28. CAL ENGINE vaste listed above CFR835. The way or to unrestricted cological characte adicating no radii f the release evaluation.	EERING e. In vaste has i release. erization. iological luation		
PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no rad addition, the area in which the indicated waste is located is not a "Radiological never been stored or used in a radiological area. As a result, no radiological These materials may be reused or disposed of in accordance with site process the underside of the concrete will not require radiological surveys due to the concerns (copy of permit is included as an attachment to this release evaluation (REN# - 010309-RISS-001) for the prior associated equipment is provided as 1.) Custodian, ensure that only the items described are included as a part of	Pate RADIC RADIC RADIC RADIC RADIC RADIC RADIC RATE RATE RATE RATE RATE RATE RATE RATE	s for the wifined in 10 uired prior ther radio e permit in, a copy of this relections the disposal	el Ext: 28. CAL ENGIN Exacter listed above OCFR835. The way or to unrestricted ablogical character adicating no radicating no radicating no radicate evaluation. Ensure that all so	EERING e. In vaste has d release. erization. iological luation oil is		
PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no rad addition, the area in which the indicated waste is located is not a "Radiolog never been stored or used in a radiological area. As a result, no radiological These materials may be reused or disposed of in accordance with site process the underside of the concrete will not require radiological surveys due to the concerns (copy of permit is included as an attachment to this release evalual (REN# - 010309-RISS-001) for the prior associated equipment is provided at 1.) Custodian, ensure that only the items described are included as a part of removed from the collected concrete upon demolition, prior to recycle 2.) Custodian, retain a copy of all documents required by this release evaluation.	Pate RADIC RADIC RADIC RADIC RADIC RADIC RADIC RADIC RATE RATE RATE RATE RATE RATE RATE RATE	s for the wifined in 10 the radio e permit in a copy of this relevant to this relevant to the constant to the	Ext: 28. CAL ENGINE vaste listed above CFR835. The way or to unrestricted cological characte adicating no radic f the release evaluation. Consure that all so	EERING e. In vaste has d release. erization. iological luation oil is		
PART II SPECIFIC REQUIREMENTS AND/OR COMMENTS: Process history of this area and prior associated equipment indicate no radaddition, the area in which the indicated waste is located is not a "Radiological never been stored or used in a radiological area. As a result, no radiological These materials may be reused or disposed of in accordance with site procest underside of the concrete will not require radiological surveys due to the concerns (copy of permit is included as an attachment to this release evalual (REN# - 010309-RISS-001) for the prior associated equipment is provided at 1.) Custodian, ensure that only the items described are included as a part of removed from the collected concrete upon demolition, prior to recycle 2.) Custodian, retain a copy of all documents required by this release evaluation a copy of this release evaluation is available for auditing/due 3). Radiological Engineer, process release evaluation to indicate an unrestant and the collected concrete upon the condition of the condition	Pate RADIC RADIC RADIC RADIC RADIC RADIC RADIC RADIC RATE RATE RATE RATE RATE RATE RATE RATE	s for the wifined in 10 the radio e permit in a copy of this relevant to this relevant to the constant to the	Ext: 28. CAL ENGINE vaste listed above CFR835. The way or to unrestricted cological characte adicating no radic f the release evaluation. Consure that all so	EERING e. In vaste has d release. erization. iological luation oil is		

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS

Release Evaluation #: 010404-00116-002	COPY	Page 2 of			
Evaluated: Jay M. Britten / Jay M. Britten / Emp. No: Radiological Engineer	Date: 4/23/01 Ex	ct: <u>3050</u>			
APPROVAL FOR TRANSFER/SHIPMENT					
Approved: Chad Blake / Oslobe Emp. No: Radiological Engineer	Date: Official Ex	at: <u>59</u> 09			

Release Evaluation for Waste:

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property:

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples:

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS

Release Evaluation #: 🕔	010404-00116-002
-------------------------	------------------



Page 3 of 7

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

"The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."

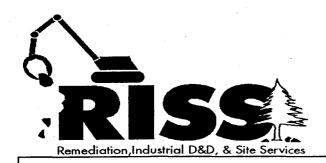
Additional Documentation:

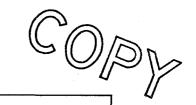
Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page __ of __, initials of Radiological Engineer signing approval for transfer/shipment and date.

Rev 08/98

Page 4 of 7 010404-00116-002





Soil Disturbance Site Survey Assessment Report

Authorization Number:

EFB70200

Project Title:

Clean Up GWEN Tower Area - East Buffer Zone

Prepared By:

Chad Blake, Radiological Engineer, RISS, X5909

Radiological Engineering

Number:

011-01

Date:

February 22, 2001

This soil disturbance package addresses clean up efforts in the GWEN Tower area location in the East Buffer Zone (the attached work package includes maps of the proposed locations). Materials to be removed include posts, anchors, concrete slabs, fences, etc.

The planned sampling locations are not within an Individual Hazardous Substance Site (IHSS), or Potential Area of Concern (PAC). Historical data and process knowledge indicate that radiological soil concentration levels in this area are well below RFCA Tier II Action Levels; therefore, entry into Soil Contamination Areas will not be required. A Radiological Work Permit will not be required to perform this work. Sampling is required in accordance with the attached environmental assessment; however, radiological analysis is not required.

The work will require entry into a "Controlled Area" (for radiological purposes). Entry and Exit requirements are as follows:

- Successful completion of Visitor Orientation for unescorted entry of members of the general public
- General Employee Radiological Training
- There are no specific requirements for personnel exiting a "Controlled Area"
- All Buffer Zone activities must be scheduled on the Plan of the Day (contact Randy Guild, X5302)

There are additional Radiological Protection requirements for the unrestricted release of materials from RFETS. The requirements are as follows:

All wastes generated and property/equipment/samples associated with this project
(including equipment, concrete waste, etc.) must be evaluated in accordance with PRO-141RSP-09.01, Unrestricted Release of Property, Material, Equipment and Waste, and PRO1004-RSP-09.08, Radioactive Material Transfer and Unrestricted Release of Property, Waste
and Samples.



Page 6 of 7 010404-06116-002

The area in which work will be conducted is controlled by RISS. A copy of this correspondence has been sent to Curtis Bean, RISS Radiological Safety Manager. Please contact Curtis at X2069 for further radiological support. Radiological Operations (RCT) support will always be available to the project on a call basis (frisking, surveys, etc.), but is not required. Radiological Engineering support will also be available to perform the required release evaluations listed above, as well as to answer any questions the project may have. Please feel free to contact me at X5909.

Written direction from K-H Environmental Compliance (Greg Sollner, x3541) is required disposition soils.

Deviations from the currently defined scope of work will require further evaluation by Radiological Engineering.

If any unusual material/debris is encountered during this excavation, work must be stopped and RISS Radiological Engineering and Operations notified for evaluation prior to continuing.



		Пор	erty waste Sample
REL	EASE EVALUA	TION FORM	
	Page 1 of	2	
Release Evaluation No.: 010309-RISS-001	EXTENDED: NA	EXPIRES: NA	Charge No.: EFB70200
PART I ACKNOWLEDGEMENT		SENDER/CUSTOD	DIAN
Description of Property/Waste/Sample To Be I Horizontal Brace Posts, Barbed Wire, Fence G Arms & Misc. Hardware.			
Current Location: East Buffer Zone, North of	Central Ave. (GWEN To	wer Location)	
Destination: PU&D			•
New Recipient/Custodian: PU&D, Eric Fairch	ild, X3223	•	
History/Process Knowledge: Materials were us The Tower and associated components were re-			
Has the specified material ever been in an RBA	A/CA or contacted DOE of	controlled radioactive mat	erials? No
1) By signing below, I certify information prov 2) By signing below, I agree to comply with the	rided in Part I of this rele e specific requirements n	ase evaluation to be true a oted in Part II of this relea	and accurate. ase evaluation.
Sender/Custodian: Al Helmick/	Emp. No:	Date: <u>0</u>	3/04/01 Ext: 1604
PART II		RADI	OLOGICAL ENGINEERING
SPECIFIC REQUIREMENTS AND/OR CO	MMENTS:	• ,	
The area in which these materials were utilized been used or stored in a radiological area. The Moratorium. Based on history and process kno (unrestricted) released with no further radiolog	e materials can be resola owledge of the area, the r	l or recycled under the cu materials specified in Pari	rrent DOE Recycled Waste
Evaluated: Chad Blake/ CB(A) Radiological Engineer	Emp. No:	Date: <u>0</u> ,2	5/09/01 Ext: 5909
APPI	ROVAL FOR TRANSF	ER/SHIPMENT	•
Approved: Chal Bull Radiological Engineer	Emp. No:	Date: <u>0</u>	3/89/01 Ext: 5909

Page 7097 010404-00114-001 RSFORMS-09.01-01

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS

Release Evaluation #: 010309-RISS-001 Page 2 of 2

Release Evaluation for Waste:

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property:

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples:

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

"The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."

Additional Documentation:

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page __ of __, initials of Radiological Engineer signing approval for transfer/shipment and date.

Rev 08/98



RELEASE EVALUATION FORM Page 1 of 2 Release Evaluation No.:010309-RISS-001 EXTENDED: NA EXPIRES: NA Charge No.: EFB70200 PART I SENDER/CUSTODIAN ACKNOWLEDGEMENT Description of Property/Waste/Sample To Be Released/Transferred: Security Fencing, Chain Link Fabric, Vertical Fence Posts, Horizontal Brace Posts, Barbed Wire, Fence Gates (assembled), Fence Caps, Clamps, Bolt Hardware, Barbed Wire Extension Arms & Misc. Hardware. Current Location: East Buffer Zone, North of Central Ave. (GWEN Tower Location) Destination: PU&D New Recipient/Custodian: PU&D, Eric Fairchild, X3223 History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Explanation provided in Part II of this release evaluation. Emp. No: Date: 03 69 60 Ext. 1604 PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have neverbeen used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unvestricted) released with no further radiological characterization required. Emp. No. Date: Cal [Cal L] Ext. 5909				Y	Property	Waste	Sample
PART I ACKNOWLEDGEMENT Description of Property/Waste/Sample To Be Released/Transferred: Security Fencing, Chain Link Fabric, Vertical Fence Posts, Horizontal Brace Posts, Barbed Wire, Fence Gates (assembled), Fence Caps, Clamps, Bolt Hardware, Barbed Wire Extension Arms & Misc. Hardware. Current Location: East Buffer Zone, North of Central Ave. (GWEN Tower Location) Destination: PU&D New Recipient/Custodian: PU&D, Eric Fairchild, X3223 History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/	RELEASE EVALUATION FORM						
ACKNOWLEDGEMENT Description of Property/Waste/Sample To Be Released/Transferred: Security Fencing, Chain Link Fabric, Vertical Fence Posts, Horizontal Brace Posts, Barbed Wire, Fence Gates (assembled), Fence Caps, Clamps, Bolt Hardware, Barbed Wire Extension Arms & Misc. Hardware. Current Location: Bast Buffer Zone, North of Central Ave. (GWEN Tower Location) Destination: PU&D New Recipient/Custodian: PU&D, Eric Fairchild, X3223 History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/	Release Evaluation No.: 010309-RISS-001	EXTENDED	: <u>NA</u>	_ EXPIRES:_	NA	_ Charge No.	: EFB70200
Horizontal Brace Posts, Barbed Wire, Fence Gates (assembled), Fence Caps, Clamps, Bolt Hardware, Barbed Wire Extension Arms & Misc. Hardware. Current Location: East Buffer Zone, North of Central Ave. (GWEN Tower Location) Destination: PU&D New Recipient/Custodian: PU&D, Eric Fairchild, X3223 History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Ext. Held. Emp. No: Date: 03/04/01 Ext: Held. PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have neverbeen used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: O3/04/01 Ext: 5909			,	SENDER	CUSTODIAN	ī	
Destination: PU&D New Recipient/Custodian: PU&D, Eric Fairchild, X3223 History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Language Emp. No: Date: 03/04/0/ Ext: 1604 PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: 03/04/0/ Ext: 5909	Horizontal Brace Posts, Barbed Wire, Fence G	Released/Transf ates (assembled	erred: Sec 1), Fence (curity Fencing, Caps, Clamps,	, Chain Link Fi Bolt Hardware	abric, Vertical Fe , Barbed Wire E	ence Posts, xtension
New Recipient/Custodian: PU&D, Eric Fairchild, X3223 History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Emp. No: Date: 03/09/6/ Ext: 1604 PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: 03/09/6/ Ext: 5909	Current Location: East Buffer Zone, North of	Central Ave. (G	WEN To	wer Location)	. *		
History/Process Knowledge: Materials were used in support of Air Force "Ground Wave Emergency Navigation" GWEN Tower. The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Emp. No: Date: 03/09/0/ Ext: 760/ PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have neverbeen used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: 03/09/0/ Ext: 5909	Destination: PU&D						
The Tower and associated components were removed. The area is NOT an RMA/RBA/CA/SCA. Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Didmark Emp. No: Date: 03/09/0/ Ext: 1604 PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: 03/09/0/ Ext: 5909	New Recipient/Custodian: PU&D, Eric Fairch	ild, X3223	•	•			
1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate. 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Emp. No: Date: 03/09/0/ Ext: 160/4 PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: 03/09/0/ Ext: 5909						Navigation" GW	VEN Tower.
2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation. Sender/Custodian: Al Helmick/ Emp. No: Date: 03/09/0/ Ext: 1604 PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Emp. No. Date: 03/09/0/ Ext: 5909	Has the specified material ever been in an RBA	/CA or contacte	ed DOE co	ontrolled radio	active material	s? <u>No</u>	
PART II RADIOLOGICAL ENGINEERING SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Evaluated: Chad Blake/ CBCAC Emp. No. Date: 03/04/01 Ext: 5909							
SPECIFIC REQUIREMENTS AND/OR COMMENTS: The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Evaluated: Chad Blake/ CBLAM Emp. No. 100 Date: 03/09/01 Ext; 5909	Sender/Custodian: Al Helmick/	med E	mp. No:		Date: <u>03/0</u>	9/01 Ext: 7	<u>1604</u> .
The area in which these materials were utilized is not a "Radiological" Area as defined in 10CFR835. The materials have never been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Evaluated: Chad Blake/ CBLAM Emp. No. 100 Date: 03/09/01 Ext; 5909	PART II	•			RADIOLO	OGICAL ENGI	NEERING
been used or stored in a radiological area. The materials can be resold or recycled under the current DOE Recycled Waste Moratorium. Based on history and process knowledge of the area, the materials specified in Part I of this evaluation may be free (unrestricted) released with no further radiological characterization required. Evaluated: Chad Blake/ CBLAL Emp. No. 2010/101 Ext: 5909	SPECIFIC REQUIREMENTS AND/OR CO	MMENTS:			•		
	been used or stored in a radiological area. The Moratorium. Based on history and process kno	materials can wiledge of the a	be resold (rea, the m	or recycled und aterials specifi	der the current	DOE Recycled 1	Waste
l		Emp	o. No		Date: <u>03/09</u>	01 Ext: 5909	
APPROVAL FOR TRANSFER/SHIPMENT	APPR	OVAL FOR 1	RANSFE	CR/SHIPMEN	<u>T</u>		
Approved: Charles Blue Emp. No: Date: 03/09/01 Ext: 5909 Radiological Engineer		Em _I	o. No:		Date: 03/6	9/01 Ext: <u>59</u>	9

Page 7097 010404-00114-001 RSFORMS-09.01-01

PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS

Release Evaluation #: _010309-RISS-001 Page 2 of 2

Release Evaluation for Waste:

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

Release Evaluation for Property:

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

Release Evaluation for Samples:

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

The approval for transfer/shipment section of a Sample Release Evaluation (SRE) shall be revised as noted below for samples which cannot be provide with an unrestricted release.

"The samples specified in Part 1 of this release evaluation are being provided with authorization for transport as non-radioactive materials in accordance with Department of Transportation (49 CFR) regulation. This authorization for shipment does not constitute an unrestricted release."

Additional Documentation:

Number of lines per section may be modified or additional pages attached to ensure adequate documentation of information necessary to perform release evaluation.

Additional pages or attachments to a release evaluation shall have the evaluation number, Page __ of __, initials of Radiological Engineer signing approval for transfer/shipment and date.

Rev 08/98